

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Yukiko Kubota : DUAL SEED LAYER FOR
Attorney Docket No. SEAG 61977 : RECORDING MEDIA

INFORMATION DISCLOSURE STATEMENT

September 5, 2003

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR Sections 1.56, 1.97 and 1.98, Applicant submits herewith copies of the references cited on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration during prosecution of this application.

This Statement is filed solely for the purpose of complying with the pertinent rules of the Office and is not intended to be a substitute for an independent evaluation by the Examiner of the art cited or an independent search by the Examiner, and no representation of any nature is made or intended by the filing of this Statement.

Respectfully submitted,



Benjamin T. Queen, II
Registration No. 41,260
Pietragallo, Bosick & Gordon
One Oxford Centre, 38th Floor
301 Grant Street
Pittsburgh, PA 15219
(412) 263-4360
Attorney for Applicant(s)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of 1

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Yukiko Kubota
Art Unit	
Examiner Name	

Attorney Docket Number SEAG 61977

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 5,082,749	01-21-1992	Carcia	
		US- 5,407,755	04-18-1995	Brucker et al.	
		US- 5,436,072	07-25-1995	Hatwar et al.	
		US- 5,563,000	10-08-1996	Hatwar et al.	
		US- 5,565,266	10-15-1996	Hatwar et al.	
		US- 5,660,930	08-26-1997	Bertero et al.	
		US- 5,693,200	12-02-1997	Tyan et al.	
		US- 5,750,274	05-12-1998	Hatwar et al.	
		US- 6,444,296 B1	09-03-2002	Sasaki et al.	
US-					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				

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Substitute for form 1449B/PTO				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	Yukiko Kubota
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	SEAG 61977

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		W. PENG ET AL., "Perpendicular Magnetic Recording Thin Film Media Using Co/Pd Superlattice On Ultrathin Indium-Tin-Oxide Seed Layers", <i>Journal of Applied Physics, American Institute of Physics</i> , Vol. 87, No. 9, pp. 6358-6360 (May 2000)	
		W. PENG ET AL., "Co/Pt Superlattices With Ultra-Thin Ta Seed Layer On NiFe Underlayer For Double-Layer Perpendicular Magnetic Recording Media", <i>IEEE Trans. On Magn.</i> , Vol. 36, No. 5, pp. 2390-2392 (September, 2000)	
		R. H. VICTORA ET AL., "Superlattice Magnetic Recording Media: Experiment And Simulation", <i>Journal of Magnetism and Magnetic Materials</i> , pp. 305-311 (2001)	
		W. PENG ET AL., "Co/Pd And Co/Pt Multilayers With Indium Tin Oxide Seed Layers And NiFe Soft Underlayers For Perpendicular Magnetic Recording Media", <i>IEEE Trans. On Magn.</i> , Vol. 37, No. 4, pp. 1577-1579 (July, 2001)	
		Y. KUBOTA ET AL., "Development Of CoX/Pd Multilayer Perpendicular Magnetic Recording Media With Granular Seed Layers", <i>Journal of Magnetism and Magnetic Materials</i> , pp. 297-303 (2002)	
		W. PENG ET AL., "CoB/Pd Multilayers With Indium Tin Oxide Seedlayer On NiFe Underlayer For Perpendicular Magnetic Recording", <i>Journal of Applied Physics, American Institute of Physics</i> , Vol. 91, No. 10, pp. 8070-8072 (May 2002)	
		R. W. WOOD ET AL., "Recording Technologies For Terabit Per Square Inch Systems", <i>IEEE Trans. On Magn.</i> , Vol. 38, No. 4, pp. 1711-1718 (July, 2002)	

Examiner Signature	Date Considered
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